

Docket No.: M4065.0509/P509 B
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hasan Nejad et al.

Application No.: 10/784,786

Confirmation No.: 2218

Filed: February 24, 2004

Art Unit: 2827

For: STACKED COLUMNAR IT-NMJT
MRAM STRUCTURE AND ITS
METHOD OF FORMATION AND
OPERATION

Examiner: V. Q. Nguyen

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

05/06/2005 JADD01 00000046 10784786

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180.00 DP

A copy of only those references listed below is attached as the remaining references are U.S. patents or published applications:

Foreign Patent Documents

JP02002170376	June, 2002	Hidaka
WO 000241321	May, 2002	Boehm et al

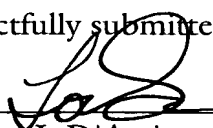
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

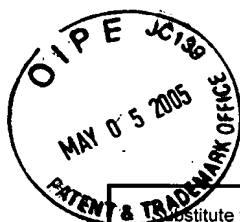
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0509/P509 B. A duplicate copy of this paper is enclosed.

Dated: May 6, 2005

Respectfully submitted,

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PTO/SB/08a/b (08-03)
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/784,786-Conf. #2218
				Filing Date	February 24, 2004
				First Named Inventor	Hasan Nejad
				Art Unit	2827
				Examiner Name	V. Q. Nguyen
				Attorney Docket Number	M4065.0509/P509 B
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-2003/0223292	Dec., 2003	Nejad et al.	
	AB	US-5969380	Oct. 1999	Seyyed	
	AC	US-6349054	Feb. 2002	Hidaka	
	AD	US-6373753	Apr., 2002	Proebsting	
	AE	US-6570795	May, 2003	Fricke et al	
	AF	US-6577529	Jun., 2003	Sharma et al.	
	AG	US-6631085	Oct., 2003	Kleveland et al.	
	AH	US-6671213	Dec. 2003	Ohtani	
	AI	US-6680862	Jan., 2004	Hidaka	
	AJ	US-6680863	Jan., 2004	Shi et al.	
	AK	US-6693825	Feb., 2004	Sharma et al.	
	AL	US-6717222	Apr., 2004	Zhang	
	AM	US-6724653	Apr., 2004	Iwata et al.	
	AN	US-6756652	Jun., 2004	Yano et al.	
	AO	US-6778434	Aug., 2004	Tsuji	
	AP	US-6829188	Dec., 2004	Baker	
	AQ	US-6882553	Apr., 2005	Nejad et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	JPO2002170376	Jun., 2002	Hidaka		
	BB	WO 000241321	May, 2002	Boehm et al.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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